DORADO®
energy

INDUSTRIAL AND TELECOM APPLICATION POWER SUPPLIES

DC/DC CONVERTERS

AC/DC RECTIFIERS

DC/AC INVERTERS

AC/AC UPS MODULES

switchmode technology
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microprocessor managing and monitoring
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building-block modules for PS systems of up to 100kW

SPECIAL PURPOSE POWER SUPPLIES

HIGH FREQUENCY PLASMA ARC POWER SOURCES

CW AND PULSED LASER POWER SUPPLY

EMERGENCY XENON FLASH LAMPS POWER SUPPLY

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Uninterruptible power supplies

	LAMBDA1000	LAMBDA2000	LAMBDA3000
Output power	1000 VA	2000 VA	3000 VA
Input voltage	160-275 V	160-275 V	160-275 V
Output voltage	230Vac, 63Vac	230Vac, 63Vac	230Vac, 63Vac
Output voltage waveform	sinus	sinus	sinus
Output volt.THD	<2%	<2%	<2%
Configuration	on line, double conversion		
Transfer time	0s	0s	0s
Autonomy	6min .. 12h	6min .. 12h	6min .. 12h
Battery recovery time	4h	4h	4h
Overload protection	120% load -> 5min, 150% load -> 10min		
Dimensions	320x165x390mm	320x165x390mm	320x165x390mm
Diagnostic	LCD 2x16char.	LCD 2x16char.	LCD 2x16char.
LED indicators	4 LEDs+LEDbar	4 LEDs+LEDbar	4 LEDs+LEDbar
Command	4 buttons	4 buttons	4 buttons
Autorestart	yes	yes	yes
Communication	serial RS-232 communication + software monitoring		
Operating temperature	0-55ºC	0-55ºC	0-55ºC
Processor control	yes	yes	yes
Order code	U1W102A220-220-LMD U1W102A220-63-LMD	U1W202A220-220-LMD U1W202A220-63-LMD	U1W302A220-220-LMD U1W302A220-63-LMD

UPS versions for ***CATV application*** are equipped with 230/63V galvanic insulation transformer with additional EMI filter.

Microprocessor controlled battery charging and UPS monitoring, with temperature compensation.

Providing power directly from the internal batteries (black start function).

Handles power problems: power spikes and transients, EMI/RFI noise, voltage sags and brownout conditions, harmonics, power-factor corrected loads, outages.